



**Arizona Department of Transportation**  
**ROADWAY ENGINEERING GROUP**

**MEMORANDUM**

**To:** All Users of the "Roadway Design Guidelines"

**Date:** May 10, 2005

**From:** William J. Lyons, Manager  
Roadway Design Section

**Subject:** Draft Chapter 400  
Roadway Design Guidelines  
Roadway Engineering Group

The Roadway Engineering Group "Roadway Design Guidelines" (RDG) May, 1996 are continuing to be updated to implement changes determined through experience and comments received since the original issue and also to consider significant changes included in the 2001 & 2004 AASHTO Green Books.

ADOT has adopted the 2004 AASHTO Green Book as a design reference. The Draft RDG is complimentary to the 2004 Green Book and is to be used in conjunction with that document. Where the design values provided in the RDG differ from those presented in the Green Book, the RDG will take precedence.

Chapter 400 – At-Grade Intersections is now being issued in draft form for your use. The updated Chapter 400 includes a considerable amount of text rewrite, revised figures and tables, and a new section on modern roundabouts. Please contact your Roadway Design representative for any questions regarding the new material.

You may access the update online and also download the new chapter on the ADOT Roadway Engineering website at: <http://www.azdot.gov/highways/rdwyeng/roadwaydesign/ManualsGuidelines/index.asp>

We welcome your continuing feedback, comments, corrections and input on the new chapters. As we continue to work on the remainder of the chapters in the RDG, appropriate revisions to previously issued chapters will be incorporated. Revisions to previously issued Chapters are listed under "Current Revisions and Amendments".

Implementation is effective immediately. Refer to the guidelines provided in the February 25, 2004 memorandum for implementation on projects underway.

Please distribute this memo to all design personnel, project managers, consultants and other users in your respective Groups, Districts, and Sections. Thank you for your attention to the draft guidelines.

C: Roadway Engineering Group  
Statewide Project Management  
Valley Project Mgmt. Group  
Traffic Engineering Group  
Engineering Consultant Services  
Construction Group  
District Engineers (10)

FHWA  
Local Government Section  
Regional Traffic Engineers (4)  
Materials Group  
Bridge Group  
Contracts and Specifications Section  
District Permits

Mary Viparina  
Sam Maroufkhani  
Dan Lance  
Doug Forstie  
Jim Delton